

Amended Claims

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1. Device for heating liquids, comprising:

- a first liquid container for liquid for heating,
- a second liquid container, which second liquid container is at least partially filled with an intermediary liquid, and
- a heating element coupled to the second liquid container,

wherein heat transfer from the heating element to the liquid for heating takes place at least substantially via the intermediary liquid, and wherein the intermediary liquid is formed at least substantially by water,

characterized in that

an underpressure is present in the second liquid container at room temperature.

2. Device as claimed in claim 1, **characterized in that** the second liquid container is at least partially deformable at a relatively high temperature of the intermediary liquid.

3. Device as claimed in claim 1 or 2, **characterized in that** the second liquid container forms a physical separation between the heating element and the first liquid container.

4. Device as claimed in any of the preceding claims, **characterized in that** the heating element is at least substantially enclosed by the second liquid container.

5. Device as claimed in any of the foregoing claims, **characterized in that** the heating element is positioned at a distance from the first liquid container.

6. Device as claimed in any of the foregoing claims, **characterized in that** the device is provided with a safety provision to prevent overheating of the device.

7. Device as claimed in any of the foregoing claims, **characterized in that** the second liquid container is provided at least partially with a profiled surface.

8. Device as claimed in any of the foregoing claims, **characterized in that** the second liquid container takes an at least substantially rod-like form.

9. Device as claimed in any of the foregoing claims, **characterized in that** the second liquid container is manufactured at least partially from a relatively smooth stainless steel.
10. Device as claimed in any of the foregoing claims, **characterized in that** the heating element is connected non-releasably to the second liquid container.
11. Device as claimed in any of the claims 1-9, **characterized in that** the second liquid container is connected releasably to the heating element.
12. Device as claimed in any of the foregoing claims, **characterized in that** a seal is arranged between the second liquid container and the heating element.
13. Assembly of a heating element and a second liquid container for use in a device as claimed in any of the claims 1-12.